ENT BOOK

Dimensions			Contents	Reference to last Measureme
gth 4	Breadth 5	Depth 6	7	8

I st And Final Bill Work code - 005-20-000005

M. A. R. 57 (Rule 116)
Measurement Book

No. B Estd cost Rs. 99.00 Lakh

erial No. ..... Improvements of CC Roads And Drain 500540
ame of Work ... At Chokkanahalli from in Ward no. 05 To .....
ame of Contractor of nature of Agency .... Executive Engineer. KRIDL
ate of commencement of work .. # 280 sqm Cross Road 17th C Main Road.
3rd & Block

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Rajajinagara Bangalore. 560 010.						
	Work order no. BBMP/EE/BTP/WO/133/2019.2020.						
(1)	Earth work excavation by manual means in ordinary Soil Soil involving an average horizontal throw up to a mark and an average lift up to 0.00 MSR Excavated surface levelled and sides neatly dressed the dispersed early						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to be covered wearing asserbreaking & cloth Cement as per Specification.					1915.77 M^3	
	Rate. 137:80				1910.78		263993:00
							263305
(2)	Providing Granite slabs & selected quality dressed and fixed in cement mortar (1:6) including grouting curing etc. complete 7.5 cms thick.					1485.00 M^2	
	Rate. 742:00						110187 0:00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(3)	Construction o ope Cement as Granite metal asphaltic Concr 12.1 and premix to sea as per fast Plant at Cocun laying with a Ra with 8.10 tonne

OK

Depth 6	Contents 7	Reference to last Measurement 8
	abing & cloth Cement	
	1915.77 M³	
910.78		263993 = 00
		263305
	eeted Quality Concrete	
	ar (1:6) Including	
	ing thick.	
	1485.00 M²	
		1101870 : 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500541

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(3)	Construction of Rocked Cement Concrete mix 1:4:8 ope Cement at 180 kg/m³ with 25mm and down size graded Granite metal Coarse aggregate of 0.85 mm and fine aggregate Conforming to IS 383 aggregate Cement Ratio 12.1 and minimum Cement Content @ 180 kg/cum aggregate to be as per page 600.4 after blending mixing in batching Plant of Concrete mixture Conveying transporting to site laying with a paver with electronic sensor compacting with 8-10 tonnes smooth wheeled vibratory roller to						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(4)						
	achine dressed and curing complete as per Specification.					53.43 M^3	
	Rate. 3606 : 12						192675 : 00
	Providing and constructing granite/trap/basalt stone masonry in foundation with CM 1:6 stone hammered dressed in courses not less than 20cms high bond stones of 2.0 Mtr apart in each course including cost of necessary curing complete as per Specification.					22.32 M^3	
	Rate. 4871 : 76						108738 : 00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(5)	Providing a... size stone ma... stones cons... ing high bond... including cost... Per Specification
	Rate. 5305 : ...

OOK

dth	Depth 6	Contents 7	Reference to last Measuremer 8
		rel finish finishing r Specification. 53.43 M³	192675:00
		ework in/hap/basalt ements with CM 1:6 courses not less than 2.0 M or apart in each ewise Curing Complete 22.32 M³	108738:00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500542

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(5)	Providing and constructing Granite/hap/basalt size stone masonry in basements with CM 1:6 using stones dressed in courses not less than 2.0 M apart in each course including cost of materials labour curing complete as per specification. Rate. 5305:30					16.74 M³	88811:00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(6) Providing and removing centering shuttering shuttering propping etc.. and removal of formwork for sides and soffits of beams beam haunches cantilever cording brackets and curved portion 1.0 mor in depth including cost of necessary cushion complete as per specification.					414.79 m²	
	Rate · 309 : 52					128386 : 41	
	(7) Providing and laying in position Plain cement concrete of Mix 1:3:6 with OPC cement of 20 mm and down size graded granite metal						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Coarse aggregate of 0.56 cum mac not exceeding 15 cm and plinth includ curing complete a	
	Rate · 5627 : 54	
	(8) Providing F-lush with cement mor	

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
			nsering Shuttering removal of formwork g beam haunches s and curing not to exceed cost of measuring labour. 414·79 m² 128386·00
			Position Plain cement ope cement as 220 ws naded granite metal

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500543

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Coarse aggregate ag 0.84 cem and fine aggregate ag 0.56 cem machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth including cost of measuring labour, machinery curing complete as per specification. Rate · 5627·54					51·83 m³ 291675·00	
(8)	Providing Flush pointing to coursed stone masonry with cement mortar 1:3 20 mm deep after raking						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Joints to deposit cost of materials Specification. Rate · 223 : 66	8	20 mm	nicely	Curing compress	Curing including as Per 37.20 m^2 8320 : 00	
(9)	Providing and laying in position Plain cement Concrete of Mix M20 with 20mm and down size Graded granite metal coarse aggregate of 0.878 cum and fine aggregate of 0.459 Cum with Superplasticizer of 3 lts Conforming to IS 9103-1999 performed Machine mixed cum						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	15 cms thick cu plinth and groun Lintels Retaine columns piers as Per Speci Rate · 5998 : 5
(10)	Providing IM including Sha

T BOOK

sions		Contents	Reference to last Measuremen
Breadth 5	Depth 6	7	8
nicely ring compress		Curing including as per	
		37.20 M²	
		8320:00	
position plain cement ope cements as 32mm graded granite metal cures and fine aggre castings of 3 to 5 cm thickness mixed over			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

500544

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	15 cms thick uniform for all floors in Secondary Plinth and ground floor level for roof slabs staircase Lintels retaining walls including attached pilasters columns piers including cost & materials curing complete as per Specification.						3720484.6394
	Rate: 5998:54					126.64 M²	759655:00
(10)	Providing TMT steel reinforcements for RCC works including straightening cutting bending hooking placing					120 "	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	In Position Capping and or welding where ever required laying with binding wire and anchoring to the adjoining members where ever necessary Complete as per Design (Cap shoes and washers shall not be measured and paid) Cost & measuring taken complete as per Specification.					8.86 Ton	
	Rate · 75223 : 20					666484 : 00	
(11)	Precast Slabs 20mm and down size Including Steel reinforcement including centering and shuttering where ever required Complete laying not exceeding 15mtrs above well Compacted						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Cost & measurements as per Specific & measuring.
	Rate · 2600 : 00
(12)	Construction of gravel / Murrum to size spreading to mean requir

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		weeding where ever reqd and on covering to me ver necessary Compare at wastage shall not be 8 measuring Labour Compl	
		8.86 Rm 666484:00	
		and Labour Charges mong including centem mixed Concrete Cubes ng shall well Compacted	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500545

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cost of measurable Labour Rom & mechanical Curing Complete as Per Specification CC 1:1.5:3 including all costs & measurable.					278.10 m^2 584010:00	
	Rate. 2100:00						
(12)	Construction of embankment with approved measurable gravel/Murrum with all lifts and leads transporting to site spreading grading to required slope and compacting to meet requirement Rate 300.2 complete as Per						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Specification (Course including Cost & Gravel Premium Watering Charges and Compaction by Vibratory Roller) Rate. 344:00					1089.00 M 375[6]:00	
(13)	Providing laying Spreading and Compacting Specified graded sand gravel or any other Course material in Sub base Course including pre mixing the material of one in Mechanical mixer by Mill Carriage & mixed material up to 1.00 km Spreading in uniform layers with Motor Grader on a Prepared base						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
	and Compacting Dressing including watering Grading Course as per S Rate. 1322:88	
(14)	Providing Laying assessing & Spread	

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
ding Cart & Gravel			
nd Compacting by rollers			
		1089.00 M	
			375/6/:00
g and Compacting Specif			
other Course reserved			
g Pre mixing the materi			
ers per M.H. Carriage			
ion Spreading in uniform			
on a Prepared base			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500546

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and Compacting with Power Rollers to achieve the desired						
	dengthy including all necessary Labours Tools & Plants						
	watering Guarding transporting and maintenance & diversion						
	Complete as per Specification.					3	
	Rate. 1322:00					1218.00 M	
						1611268:00	
(a)	Providing Laying Spreading and compacting Stone						
	aggregate & Specific sizes & Water bound macadam Surface						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	in uniform thickness wheeled steel/vibratory roller 8-10 tonnes in 32mm to proper grade and camber applying at maximum dry rate type B screening voids with material dry up the underlying & coarse aggregate watering & compaction to required density by mechanical rolling consisting crushable type such as moorum or gravel grading -II ese complete.					544.50 M³	
	Rate: 2323:52					126515/-	
(13)	Providing laying spreading and stone aggregate & specific sizes					Complete by water found	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	metadam sp... dimensions ha... grade roller ... camber appl... binding mat... dry rate wate... density mate... & gravel Grad... Rate. 246

MENT BOOK

Dimensions			Contents	Reference to last Measuremen
ength 4	Breadth 5	Depth 6	7	8
and pevering grading with a grader 8.10 tonnes in 3 layer applying ad dressing & watering and compa mechanical rolling Semmin Moorum or gravel grading			544.50 M³	1265157:
eading and Compacting ecific grades & Water found				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500547

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Macadam Specification including Spreading in uniform thickness hand Packing grading with 3 wheeled Steel mi Grader 8-10 Tonnes in Stages to proper Grade and Camber applying and brooming requisite depth & Screening binding material to give up the irregularities & Consolidi use Watering and Compacting to give the required density material using Semming Crushable type Specified Materials & Gravel Grading - III. Rate. 246/32					363.00 M³	89345 9 : 00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(16)	Loading and unloading of stone boulders by manual means complete as per Specification. Rate 60 : 42	84155555-00 1009867-00 8524467-00 84155-00 97762045				1915.77 m^3	115751 :
						Grand Total	8455774
						12% Applicable GST	1014693
						For 3% LR & Cess	253673
						Add 1% Cess on Cess	84558
						Total Rs.	9808698

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certificate

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Ass
R
K

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
			2 stone foundation by manual	
			specification.	
			1915.77 M^3	115751=
			Grand Total	8455774
			12% Applicable GST	1014693
			For 3% LABOUR Cess	253673
			Add 1% Coporation	84558
			Total Rs.	9808698

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500548

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate.	(1) Certified that the work done satisfactory.					
		(2) This bill Amount has not been claimed in any of previous bills.					

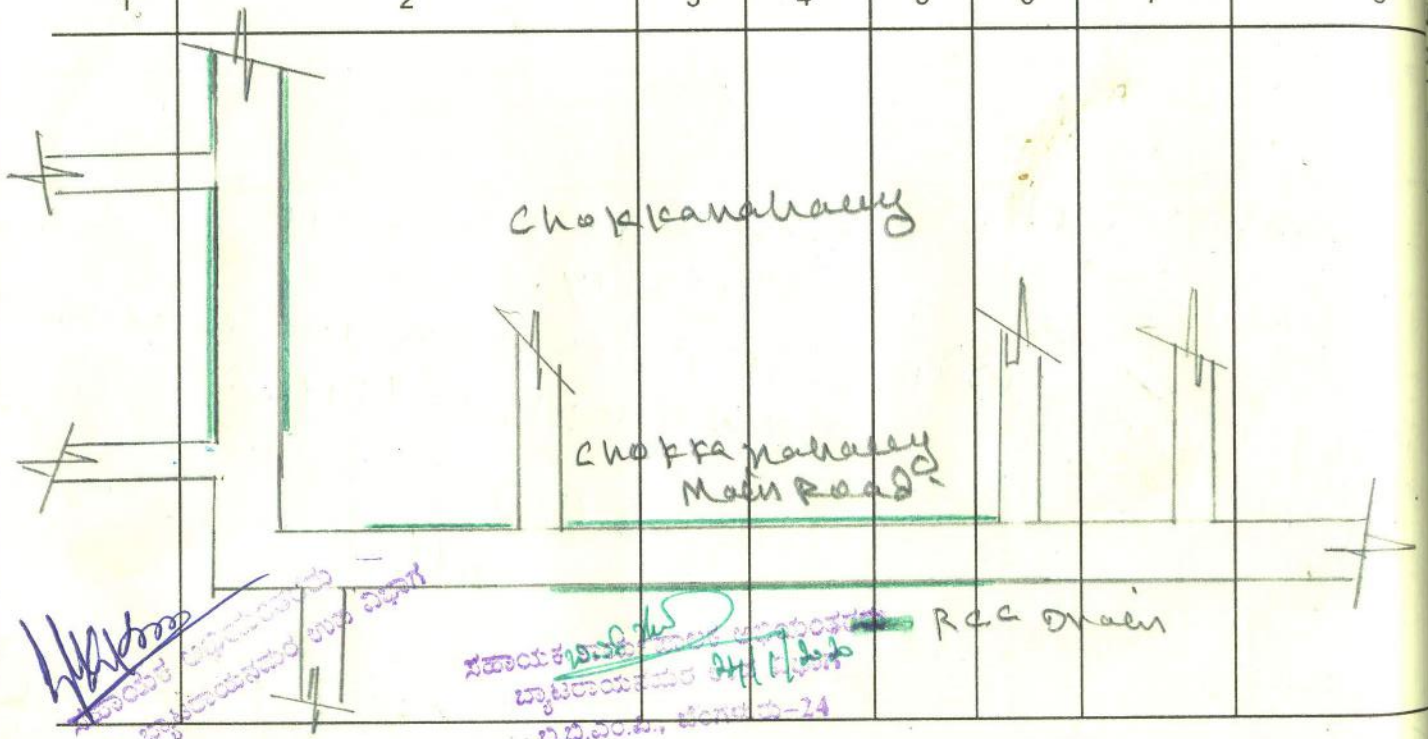
24/01/2020
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ.

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

24/1/2020
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಮಂಗಳೂರು-24

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Chokkanahalli Ground. Road

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ

T BOOK

sions		Contents	Reference to last Measuremen
Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500549

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency ..... Chokkanahalli SC/ST Burial Ground Road.1

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Ch. 60.00 m		Ch. 0.00			
	Chokkanahalli SC/ST Burial Ground Road.2					WBM Road.	
			Ch 529.00 m				

ಬಿ.ಬಿ.ಎಂ. ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವಂತೆ

ಸಹಾಯಕ ಆಯುಕ್ತರು 24/11/2020

ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-26

BOOK

...ns		Contents	Reference to last Measuremen
...eadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

500550

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length	Breadth	Depth 6	Contents 7	Reference to last Measurement 8
		14 add for 5					
			3727			ರಡಿ	
			97 6204.5=00			ಾಮು ಮಾಡಿವೆ.	
			104 17 92 =00			ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ	
			87 20253 =00			ಗಳನ್ನು	

FT/NEFT/ ... ಬಿಡಾಂದರೆ ನಿಂದಲಾಗಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು ಬ್ಯಾಟರಾಯನ ... ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

Bill Amount:- 97620 45=00
IT - 19524 1=00
CGST - 8716 2=00
SGST - 8716 2=00
FSD - 4881 00=00
LWF - 976 20=00
CBT - 976 2=00
LR - 758 95=00
fine - 85 0=00
TOTAL :- 104179 2=00
TOTAL :- 8720253=00